Syllabus - Physics 238

The Physics of Muon Detectors :: Spring 2019

Instructor Contact Information

Instructor: Prof. Frank Geurts
Office: Herman Brown Hall 236
Email: geurts@rice.edu

Course Objectives and Learning Outcomes

- To conduct mentored research in the physics of Muon Detectors.
- To increase knowledge of and experience with current research methods in the area of particle detection.

Course Procedures

Students intending to enroll in PHYS 238 should discuss possible opportunities with a Physics and Astronomy faculty member well before the start of the semester. The student will then prepare, in consultation with the research advisor, a one-page summary of the proposed project, and agree on the credit hours to be awarded. The summary must be signed by both the advisor and student.
To register, send your student ID number (needed for online permission to register) and a copy of the proposal to Dr. Geurts for signature. This must be done well before the add deadline, usually the end of the second week, so that you have time to complete registration through ESTHER.
At the end of the semester the student will prepare, in consultation with the research advisor, a one-page progress report, enumerating accomplishments during the term. Also, students must present either a poster or oral presentation on the progress of their work. The progress report must be signed by both the advisor and student.

Grade Policies

Your grade in this course will be determined by your faculty research mentor, based on progress toward your project goals. Students should anticipate spending approximately three hours per week actively engaged in project work for each semester hour of credit. Students will not receive credit if they are being paid.

Rice Honor Code

In this course, all students will be held to the standards of the Rice Honor Code, a code that you pledged to honor when you matriculated at this institution. If you are unfamiliar with the details of this code and how it is administered, you should consult the Honor System Handbook at http://honor.rice.edu/honorsystem-handbook/. This handbook outlines the University's expectations for the integrity of your academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process.

Disability Support Services

If you have a documented disability or other condition that may affect academic performance you should: 1) make sure this documentation is on file with Disability Support Services (Allen Center, Room 111 / adarice@rice.edu / x5841) to determine the accommodations you need; and 2) talk with me to discuss your accommodation needs.

Syllabus Change Policy

This syllabus is only a guide for the course and is subject to change with advanced notice.